

AMENDMENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-20 (cancelled).

Claim 21 (currently amended). A shelter capable of producing electrical energy comprising:

a photovoltaic canopy defining a sheltered area thereunder, the sheltered area including at least one vehicle parking space, the photovoltaic canopy including an upper surface and having a first photovoltaic device; a lower surface having a second photovoltaic device, and a light emitting diode device, wherein the upper surface includes a first and second photovoltaic devices are device that is capable of producing an electrical current when exposed to light;

a supporting structure connected to and supporting the canopy from a location outside the sheltered area and permitting substantially unobstructed access by a vehicle to the sheltered area; and

an electrical load a light emissive device mounted on the lower surface and operatively connected to the first and second photovoltaic device devices for utilizing the electricity generated by the photovoltaic device when the photovoltaic device is exposed to light;

wherein the shelter has no walls.

Claim 22 (canceled).

Claim 23 (currently amended). The shelter of claim 21 wherein the first and second photovoltaic devices are contained on or in the canopy is tiltable.

Claim 24 (currently amended). The shelter of claim 21 wherein the ~~first and second photovoltaic devices form the photovoltaic canopy is a curved structure that is downwardly concave.~~

Claim 25 (currently amended). The shelter of claim 21 wherein the ~~first and second photovoltaic device comprises devices are selected from the group consisting of crystalline photovoltaic systems, flexible thin film photovoltaic systems, and the light emissive device comprises stacked photovoltaic layers and photovoltaic and light emissive layers.~~

Claim 26 (currently amended). The shelter of claim ~~25~~ ~~21~~ wherein the ~~first and second photovoltaic canopy is substantially~~ devices are transparent.

Claim 27 (currently amended). The shelter of claim 26 wherein the ~~substantially transparent first and second photovoltaic canopy comprises devices are composed of~~ multiple layers of flexible thin transparent photovoltaic ~~and light-emissive~~ material.

Claim 28 (currently amended). The shelter of claim 21, further comprising:
an organic artificial light source layer associated with the underside of the canopy;
a second photovoltaic device attached to the lower surface of the canopy;
wherein the second photovoltaic device is directed ~~toward the ground~~ to receive light from the organic artificial light source layer and;
wherein the upper surface of the photovoltaic canopy is oriented to receive sunlight directly.

Claim 29 (currently amended). The shelter of claim 28 wherein the organic artificial light source layer is dispersed within the second photovoltaic device.

Claim 30 (canceled).

Claim 31 (currently amended). The shelter device of Claim 21 wherein the light emissive device is a light emitting diode device is capable of displaying that displays human readable information and acts as an information display.

Claim 32 (currently amended). The device of claim 21 wherein the light emitting emissive diode device is a flexible thin film light emitting diode layer of an information display.

Claim 33 (currently amended). A shelter capable of producing electrical energy comprising:

a canopy defining a sheltered area thereunder, the sheltered area including at least one vehicle parking space;

a supporting structure connected to and supporting the canopy from a location outside the sheltered area and permitting substantially unobstructed access by a vehicle to the sheltered area;

a photovoltaic device associated with the canopy, the photovoltaic device being capable of producing an electrical current when exposed to sunlight, and wherein the canopy photovoltaic device including includes a light emitting coating layer attached to its underside and the photovoltaic device is capable of generating in electricity from the light emitted by the light emitting coating layer; and

an electrical load operatively connected to the photovoltaic device for utilizing the electricity generated by the photovoltaic device when the photovoltaic device is exposed to sunlight and/or light emitted by the light emitting layer;

wherein the shelter has no walls.

Claim 34 (currently amended). The shelter of claim 21 wherein the further comprising an electrical load is selected from the group consisting of the power distribution grid of a utility company and a battery.

Claim 35 (previously presented). The shelter of claim 34 wherein said battery is operatively connected to a light which illuminates said sheltered area.

Claim 36 (currently amended). A carport comprising:

at least one photovoltaic canopy, the photovoltaic canopy sheltering a parking area for at least one vehicle;

a laterally placed supporting structure connected to and supporting the photovoltaic canopy from a location outside the parking area and permitting substantially unobstructed access by a vehicle to the parking area;

a photovoltaic device associated with the canopy, wherein the photovoltaic device being capable of producing ing a DC electrical current when exposed to sunlight, the photovoltaic canopy device including comprising an upper surface area panel and a lower surface area including a light emitting diode coating panel attached thereunder, and the photovoltaic canopy device is capable of generating ing electricity from the light emitted by the light emitting diode coating panel; and

an electrical load operatively connected to the photovoltaic device canopy for utilizing the electricity generated by the photovoltaic canopy device when the photovoltaic canopy device is exposed to light sunlight and/or light from the light emitting diode light panel, wherein the electrical load is selected from the group consisting of the power distribution grid of a utility company and a battery.

Claim 37 (currently amended). The carport of claim 36 wherein the electrical load comprises a battery which is charged by the DC current produced by the photovoltaic device.

Claim 38 (currently amended). The carport of claim 36 further comprising:

an inverter for converting the DC electrical current produced by the photovoltaic device to an AC current; and

a connection means for transmitting the AC electrical current to a the power distribution grid of a the utility company.

Claim 39 (currently amended). The carport of claim 36 further comprising a reverse meter for measuring AC current produced by the inverter.

Claim 40 (currently amended). The shelter of claim 21 wherein the photovoltaic canopy includes at least two a plurality of panels, each panel including an the upper surface having a the first photovoltaic device, and a the lower surface having a second photoelectric device, and the

light emitting diode devicee panel, wherein the light emitting diode panels form an information display.

Claim 41 (currently amended). The shelter of claim 40 wherein, wherein the canopy panels are tilttable and the position of the canopy panels is are and adjustable.